

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015860.D
 Acq On : 06 Oct 2023 14:24
 Operator : SY/MD
 Sample : 04736-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11939

Quant Time: Oct 07 07:26:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	53412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	86148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	75595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	30573	58.180	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.360%
35) Dibromofluoromethane	7.716	113	28627	58.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.600%
50) Toluene-d8	10.179	98	98838	61.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	123.980%
62) 4-Bromofluorobenzene	12.477	95	30344	46.563	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.120%

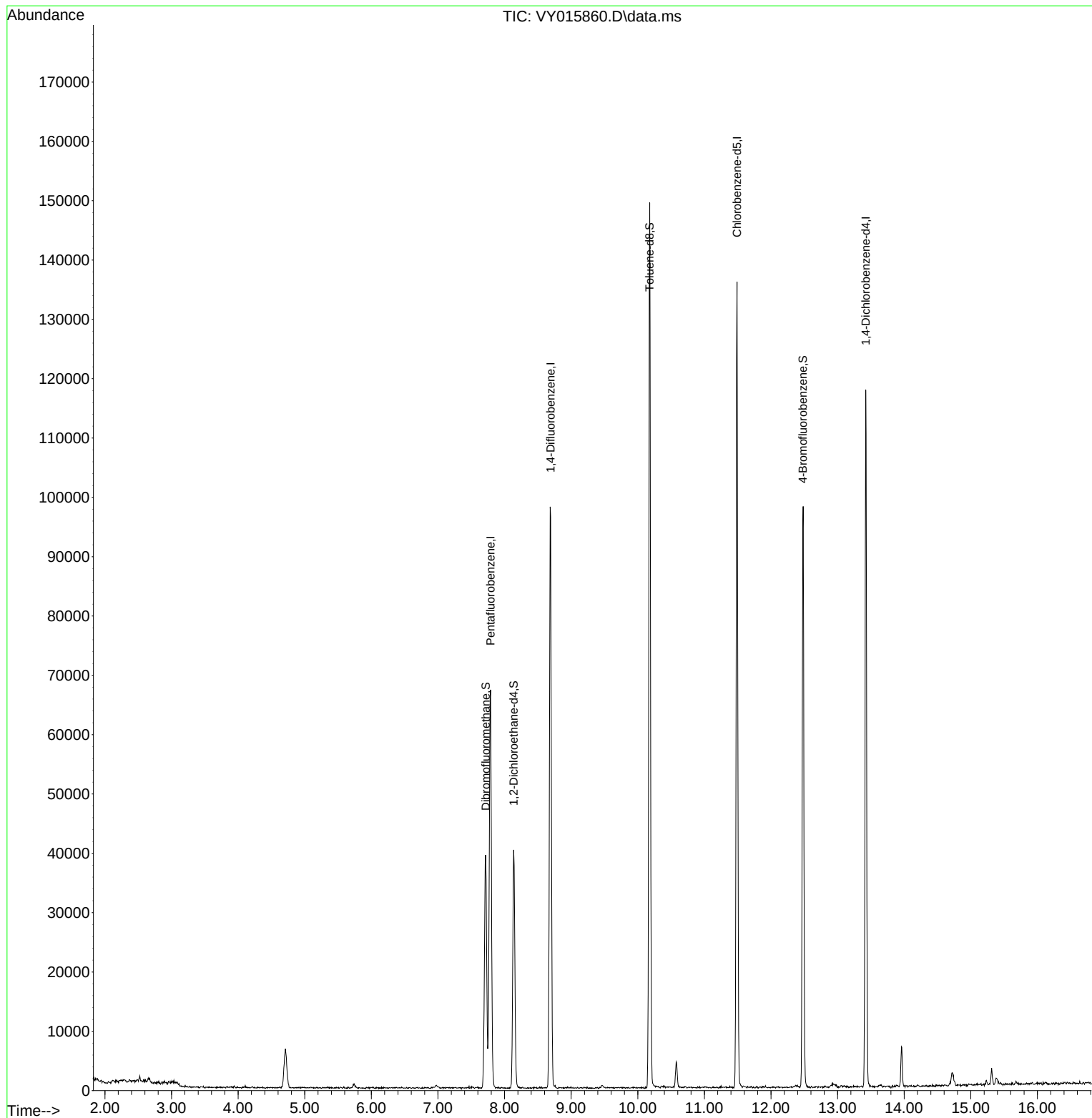
Target Compounds	Qvalue

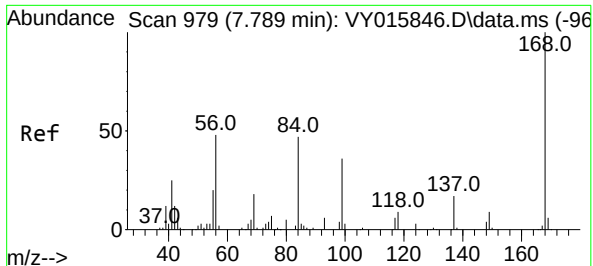
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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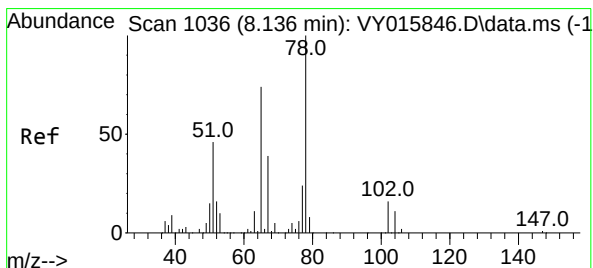
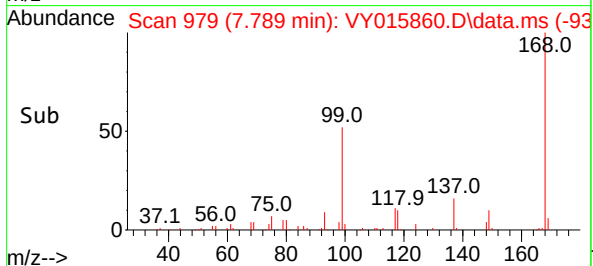
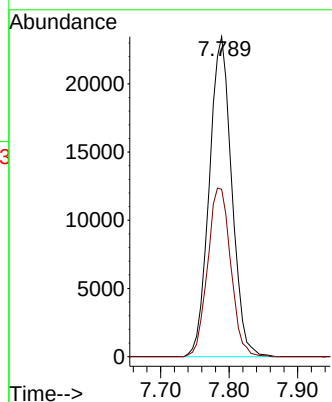
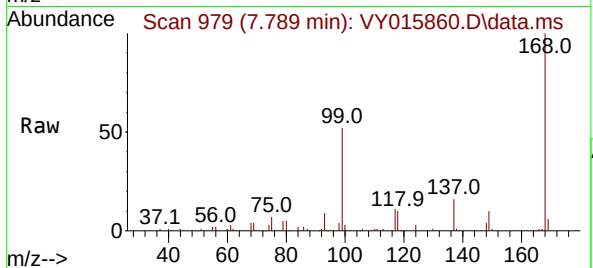




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

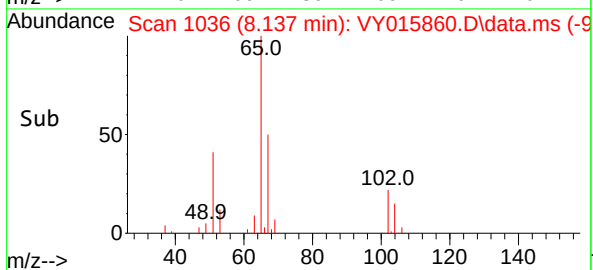
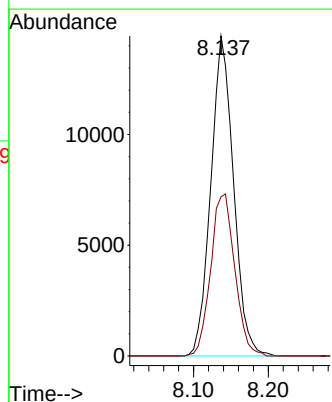
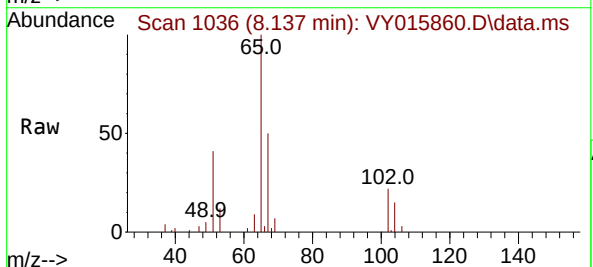
Instrument :
MSVOA_Y
ClientSampleId :
72-11939

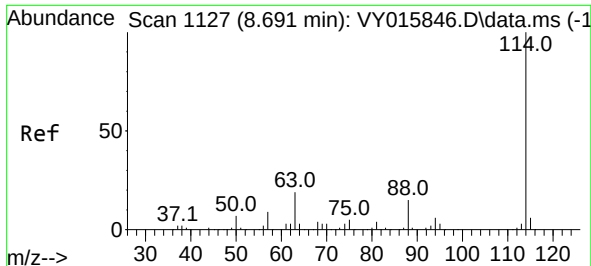
Tgt Ion:168 Resp: 53412
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.180 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

Tgt Ion: 65 Resp: 30573
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY015860.D

Acq: 06 Oct 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

72-11939

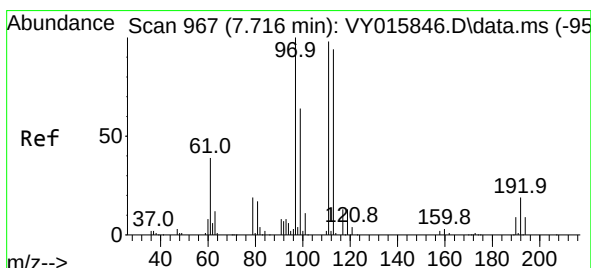
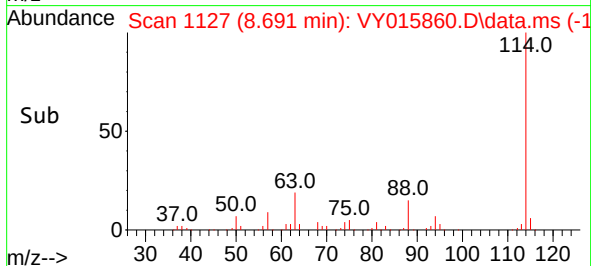
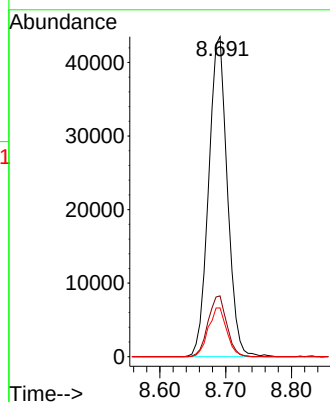
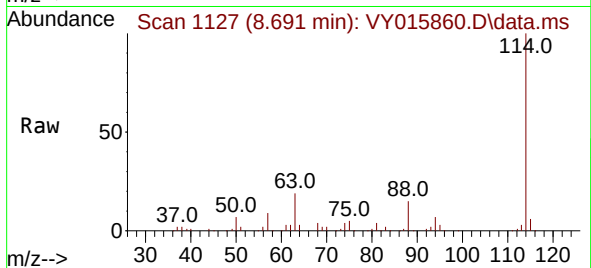
Tgt Ion:114 Resp: 86148

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.298 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015860.D

Acq: 06 Oct 2023 14:24

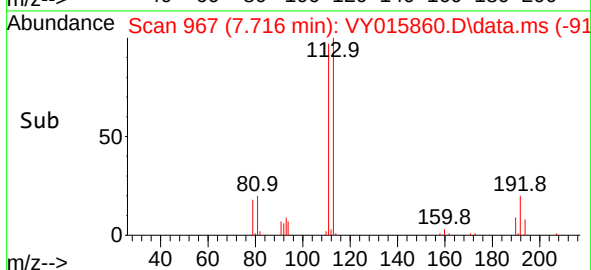
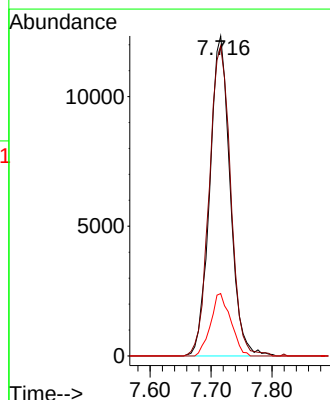
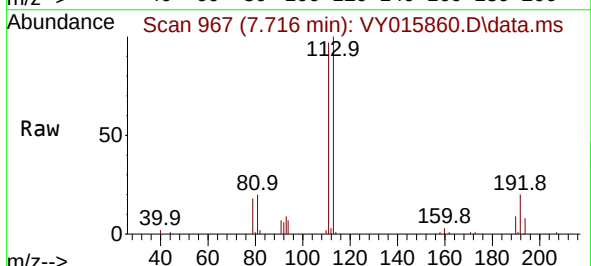
Tgt Ion:113 Resp: 28627

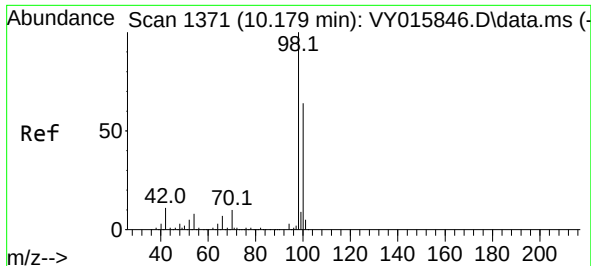
Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

192 19.2 16.9 25.3

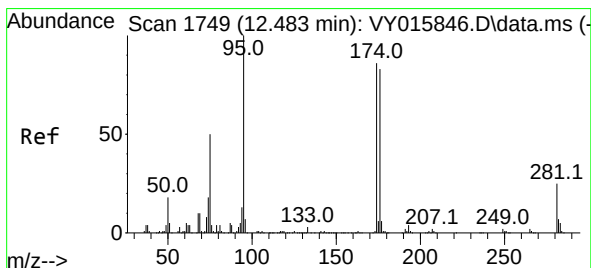
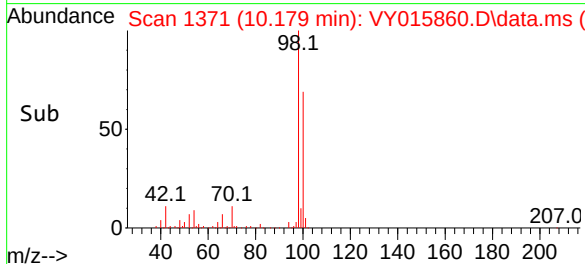
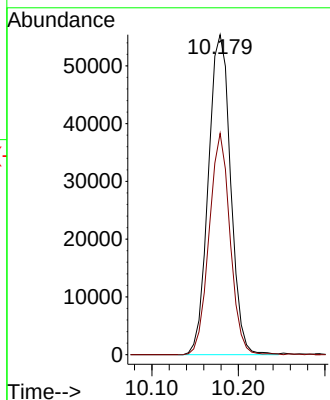
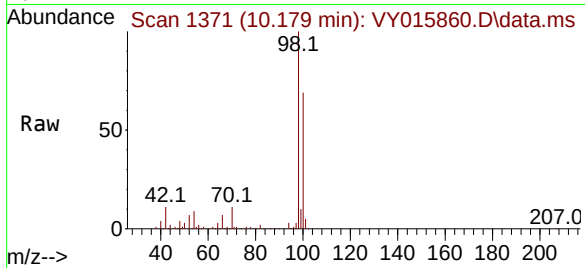




#50
Toluene-d8
Concen: 61.995 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

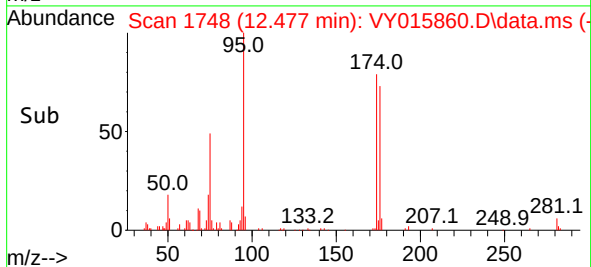
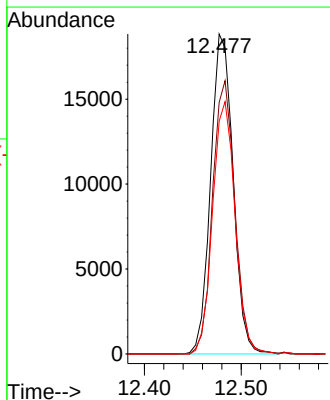
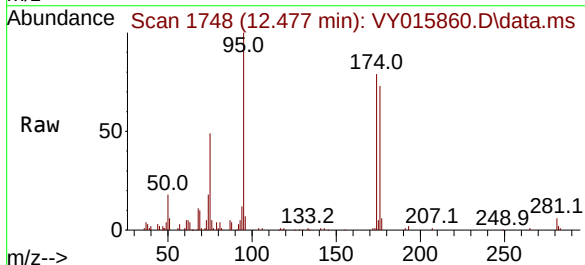
Instrument :
MSVOA_Y
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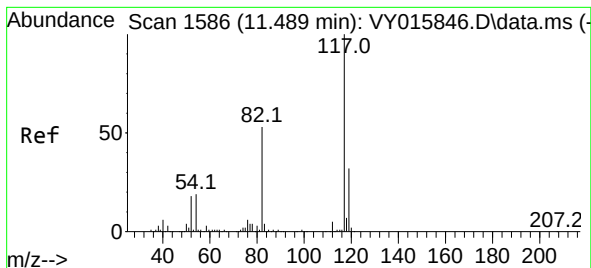
Tgt Ion: 98 Resp: 98838
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.563 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

Tgt Ion: 95 Resp: 30344
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 79.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015860.D

Acq: 06 Oct 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

72-11939

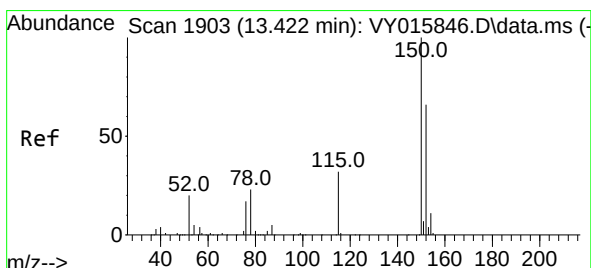
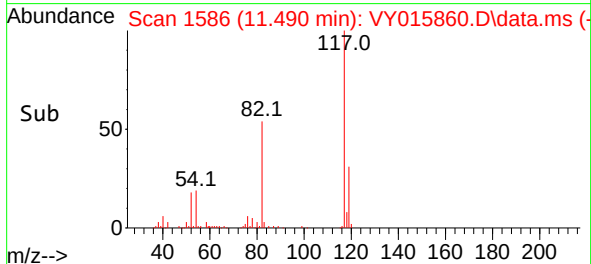
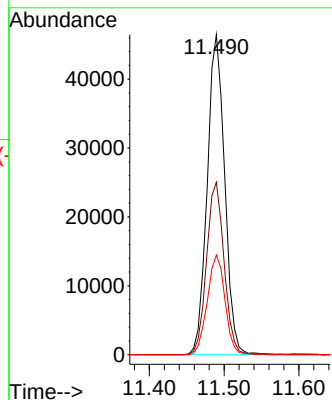
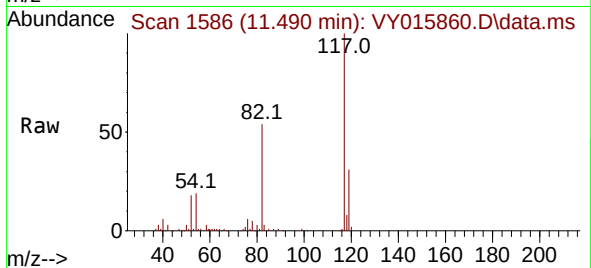
Tgt Ion:117 Resp: 75595

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 31.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015860.D

Acq: 06 Oct 2023 14:24

Tgt Ion:152 Resp: 30726

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.5 0.0 348.8

